



King County
International Airport
Department of
Construction & Facilities Management
P.O. Box 80245
Seattle, WA 98108
(206) 296-7380
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May 10, 2000

Jason Herring
Deputy Fire Marshal
Building Services Division
DDES
900 Oaksdale Ave. SW
Renton WA 98055

Dear Jason:

This letter describes our progress in complying with the Notice of Fire Code Violations issued following your March 16, 2000 inspection. As of this date we have completed the following activities:

- Our water system plans have been revised to reflect recent changes to the water system and to properly inventory each of the HUBs, sectional, PI and foot valves. Copies of the revised plans are also enclosed together with a listing of all valves. We are currently verifying each component of the water system in the field, and following the field verification we will be amending our plans. Copies of these amended documents will be provided to your office.
- A fire safety workplan has been drafted that includes inspection of valves as well as other NFPA and Factory Mutual requirements. Implementation of this workplan will require a significant commitment of staff time, and we are currently preparing a suitable reporting format and record keeping system. We will advise you once we are ready to commence with our inspection program.

We are committed to improving fire safety at the Airport and trust this addresses the issues outlined in your Notice. If you have any questions or comments on these activities please call me at (206) 296-7453. Thank you.

Sincerely,

Mike Colmant
Assistant Airport Manager
King County International Airport

Enclosures

cc: Cynthia Stewart, Airport Manager, King County International Airport
Dave Walker, Captain, King County Airport Police/ARFF
Mike Hamm, Maintenance Manager, King County International Airport



File

PSF 3 Fire Marshal

Police/ARFF
Fire Insp. Regulations

King County Fire Safety Work Plan

Goals/Standards	Personnel Responsible	Objective	Number	Time of Airport person	Hours per Year	Form Required Y/N	Form Number
Weekly visual inspection of P.I.V., water valves and fire sprinkler systems per NFPA 25 standard/Factory Mutual	Maintenance	Visual inspection consists of checking panel, P.I.V., walk thru of building, check pressure gauges, record inspection report	22 risers	1 hr. per riser	1144	Yes	NFPA-25 Form 94-105A
Monthly inspection and testing of dry and wet piping of fire protection systems. NFPA 25/Factory Mutual	Maintenance ARFF	Monthly inspection consists of exercising all P.I.V. valves, check alarms and testing fire system to a point to make sure it is operational	22 risers	2 hrs per riser maintenance 1 hr per riser ARFF	352 176	Yes	NFPA-25 Form 25-13
Quarterly inspection of fire protection systems. NFPA 25	Maintenance ARFF	Check all quick opening devices and testing. Check all gauges, and partial trip. Reset system	22 risers	3 hrs per system maintenance 1.5 hrs ARFF	264 132	Yes	NFPA-25 Form 25-13
Annual inspection of fire protection systems. NFPA 25	Maintenance	Check all quick opening devices and testing. Check all gauges, and partial trip. Reset system	22 risers	1 hrs. per system	22	Yes	NFPA-25 Form 25-13
Annual winterization of all dry fire protection systems. NFPA 25	Maintenance	Remove all moisture from piping.	17 dry systems	3 hrs. per system	51	Yes	NFPA-25 Form 25-13
Three year inspection of fire protection system. NFPA 25	Maintenance	Check all quick opening devices and testing. Check all gauges, and full trip and drain. Reset system	17 systems	5 hrs. per system	28	Yes	NFPA-25 Form 25-13
Monthly visual inspection of stand pipe. NFPA 25	Maintenance	Visually check for leaking. Remove caps and look for any obstruction.	6 stand pipes	1 hr per S.P.	72	Yes	NFPA-25 Form 25-13
Quarterly inspection of stand pipe NFPA 1962	Maintenance	Back flush pipe and check strainers	6 stand pipes	2 hrs. per S.P.	48	Yes	NFPA-25 Form 25-13
Annual testing of stand pipe per NFPA 1962	Maintenance	Open all check valves. Open and close gate valves	6 stand pipes	3 hrs. per system	18	Yes	NFPA-25 Form 25-13
Five year inspection of stand pipe NFPA 1962	Maintenance	Take all valves apart inspect internal parts	6 stand pipes	1 hr. per S.P.	6	Yes	NFPA-25 Form 25-13
Five year inspection and testing of internal sprinkler pipes NFPA 13	Maintenance	With outside contractor back flush all fire system piping and replace all damaged heads	22 sprinkler systems	2 hr/per zone	9	Yes	NFPA-25 Form 25-13

King County Fire Safety Work Plan

Goals/Standards	Personnel Responsible	Objective	Number	Time of Airport person	Hours per Year	Form Required Y/N	Form Number
Annual testing and maintenance of fire hydrants NFPA 25	Maintenance	Lubricate, check all operation of hydrant and testing isolation valve.	60 hydrants	5 hrs per hydrant	300	Yes	NFPA-25 Form 25-24
Annual maintenance of all P.I.V. NFPA 25	Maintenance	Take apart and lubricate	44 P.I.V.	2 hrs per P.I.V.	88	No	
Quarterly inspection, testing and reports on water main isolation valves per Factory Mutual	Maintenance ARFF	Exercise valves and verifying that all valves function	97 W.M. valves	3 hrs per valve maintenance 1 hr per valve ARFF	1164 388	Yes	NFPA-25 Form 25-24
Annual confidence testing of all fire alarm systems. NFPA 72	ARFF	Test every device within system.	14 systems		28	Yes	Company Form per NFPA 72
Conduct county owned hangar inspections for compliance of flammable liquid storage compliance. Factory Mutual	ARFF	Visual walk thru of all hangars to ensure proper flammable liquid storage	35 hangars	18 hrs mo.	216		
Assist KC Fire Marshall with annual inspections within all privately owned buildings on airport property. NFPA	ARFF	Inspect all buildings on airport property for safety inspection	80 business'	2 hrs per business	160	Yes	K.C. Fire Marshall inspection form
Bi-annual inspection of water hydrants	ARFF	Test for proper water flow/operation	60	15 min. per unit	30	Yes	ARFF form
Annual water flow test gauge analysis. NFPA	Maintenance ARFF	Test water flow of various water hydrants	60		30	Yes	Form to be developed
Annually make current all Pre-Fire Plans for each airport building in conjunction with Seattle and Tukwila Fire Departments. NFPA	ARFF	Create or update pre-fire drawings all buildings on Airport	50		30		ARFF pre-fire form